

Andre Gilloire, et al.

Serial No. 09/762,388

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P.O. Box 1450

Alexandria, VA 22313-1451

RESPONSE TO OFFICE ACTION

Examiner: Chuong D. Ngo

Art Unit: 2124

In response to the outstanding Office Action mailed January 4, 2005, Applicants respectfully request entry of the following amendments:

Claim 1 (Currently Amended): A method for zeroing a portion of a time domain impulse response of a speech filter in a speech for zeroing a portion of a time domain impulse response of a filter in a speech transmission apparatus which filter has a frequency domain transfer function Z(k), said method comprising:

implementing convolution with a function U on the frequency domain transfer function Z(k) where k lies in the range 0 to N-1, wherein the function U has the form:

$$U(k) = \sin c \left(\frac{k - k_0}{2}\right) \cdot e^{-j\pi \left(\frac{\alpha(k - k_0)}{2}\right)} \cdot P(k)$$